EFS ID: 6047650

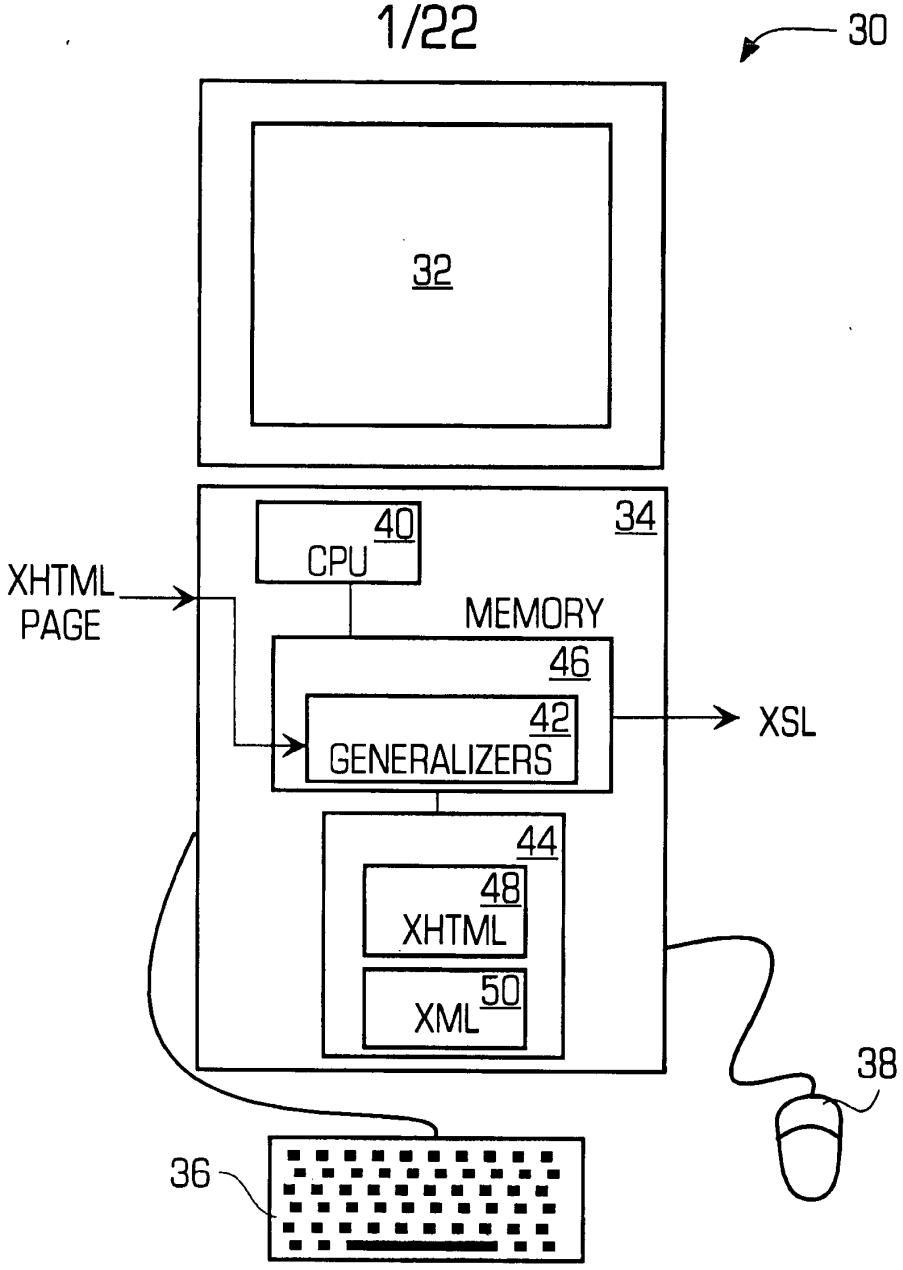

FIG. 1

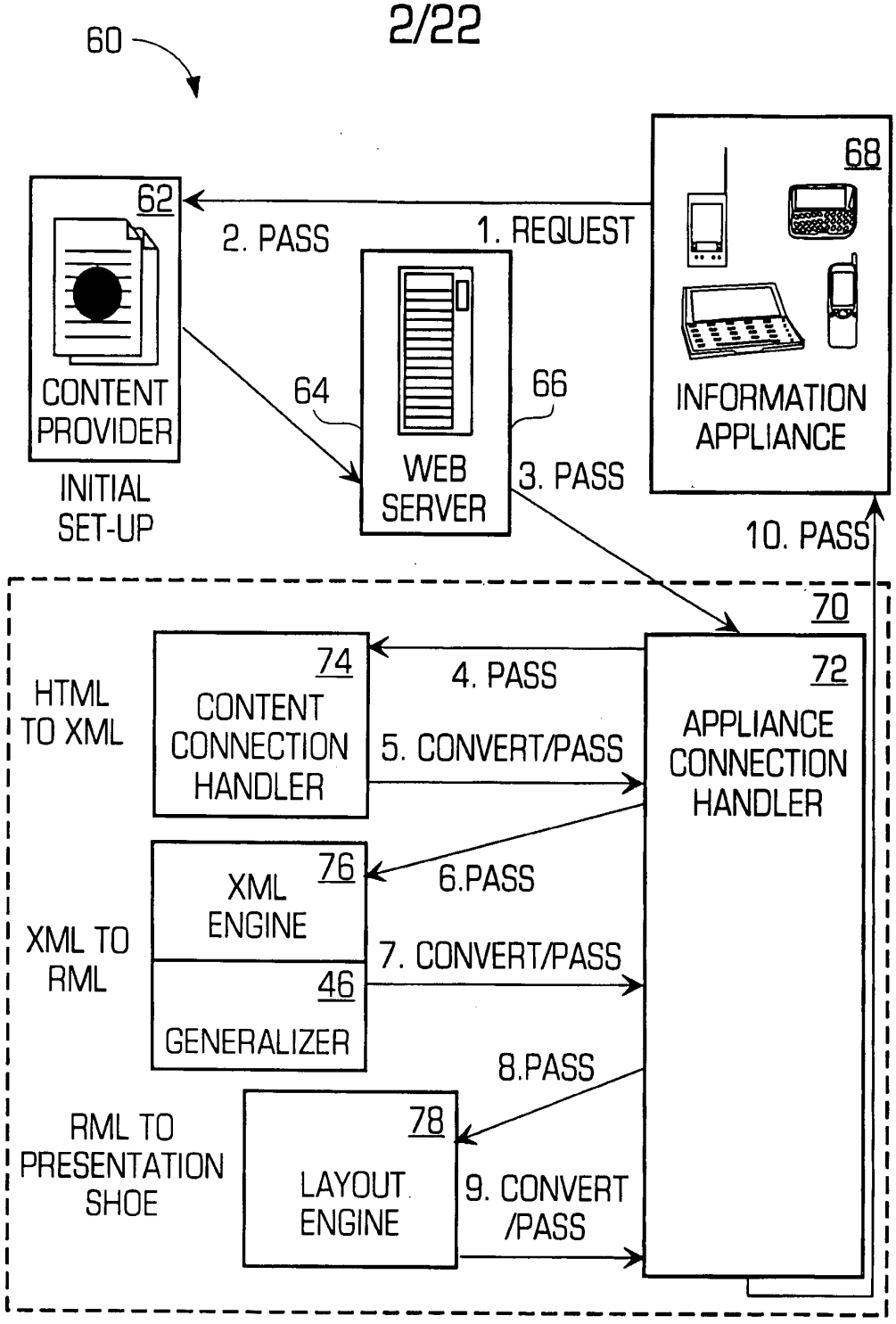

FIG. 2A

EDTEDT-0TE0470660

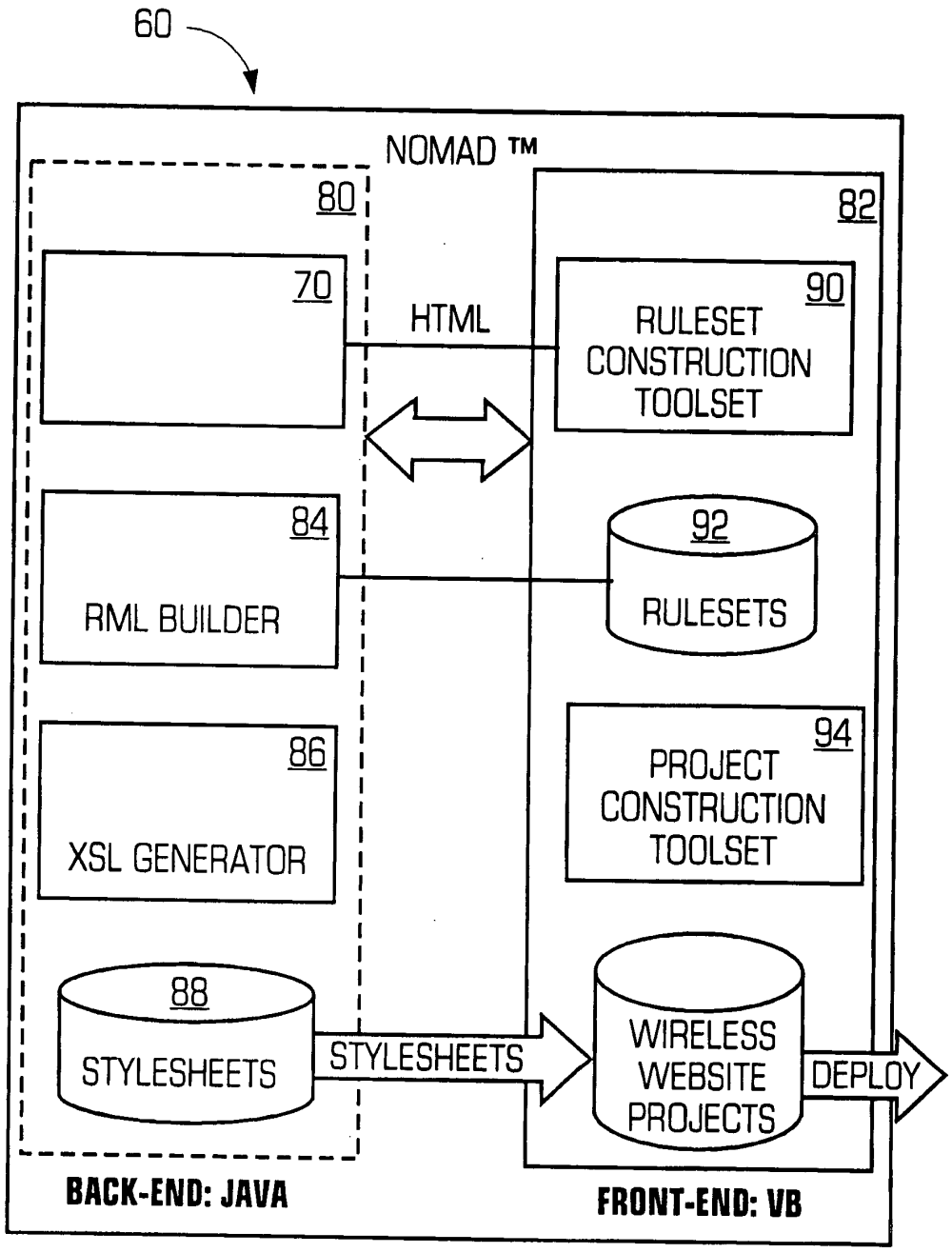

FIG. 2B

EOTEOT "0T0Z7S60

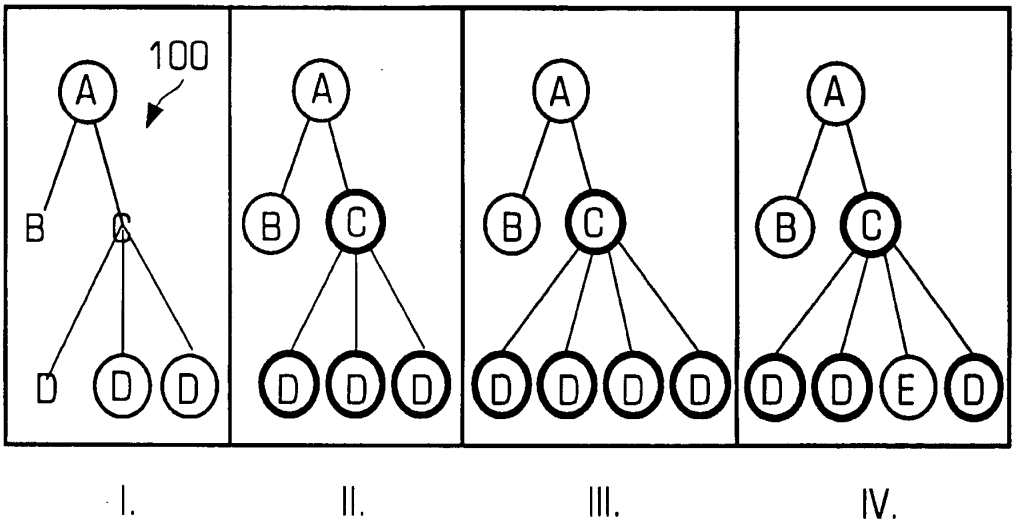

FIG. 3

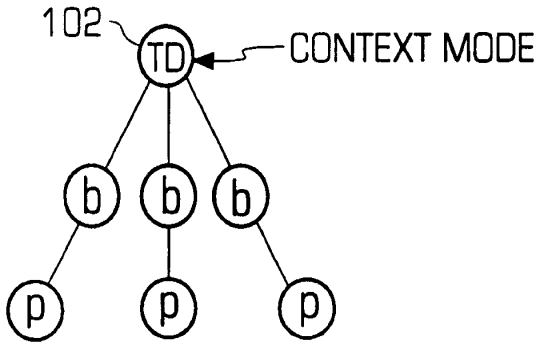

FIG. 4

TOTTOT "OTO2465O

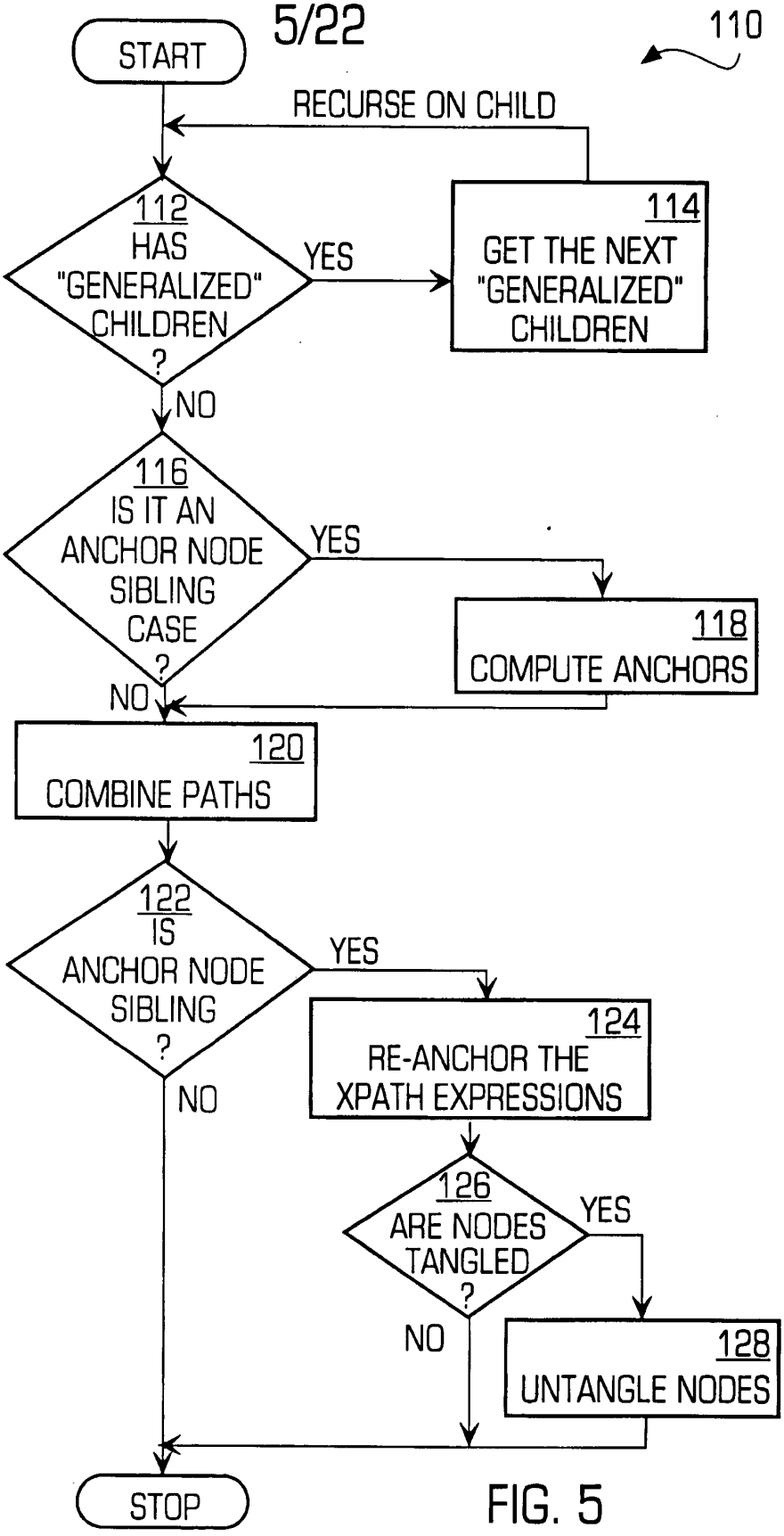

FIG. 5

EOTEOT-0702660

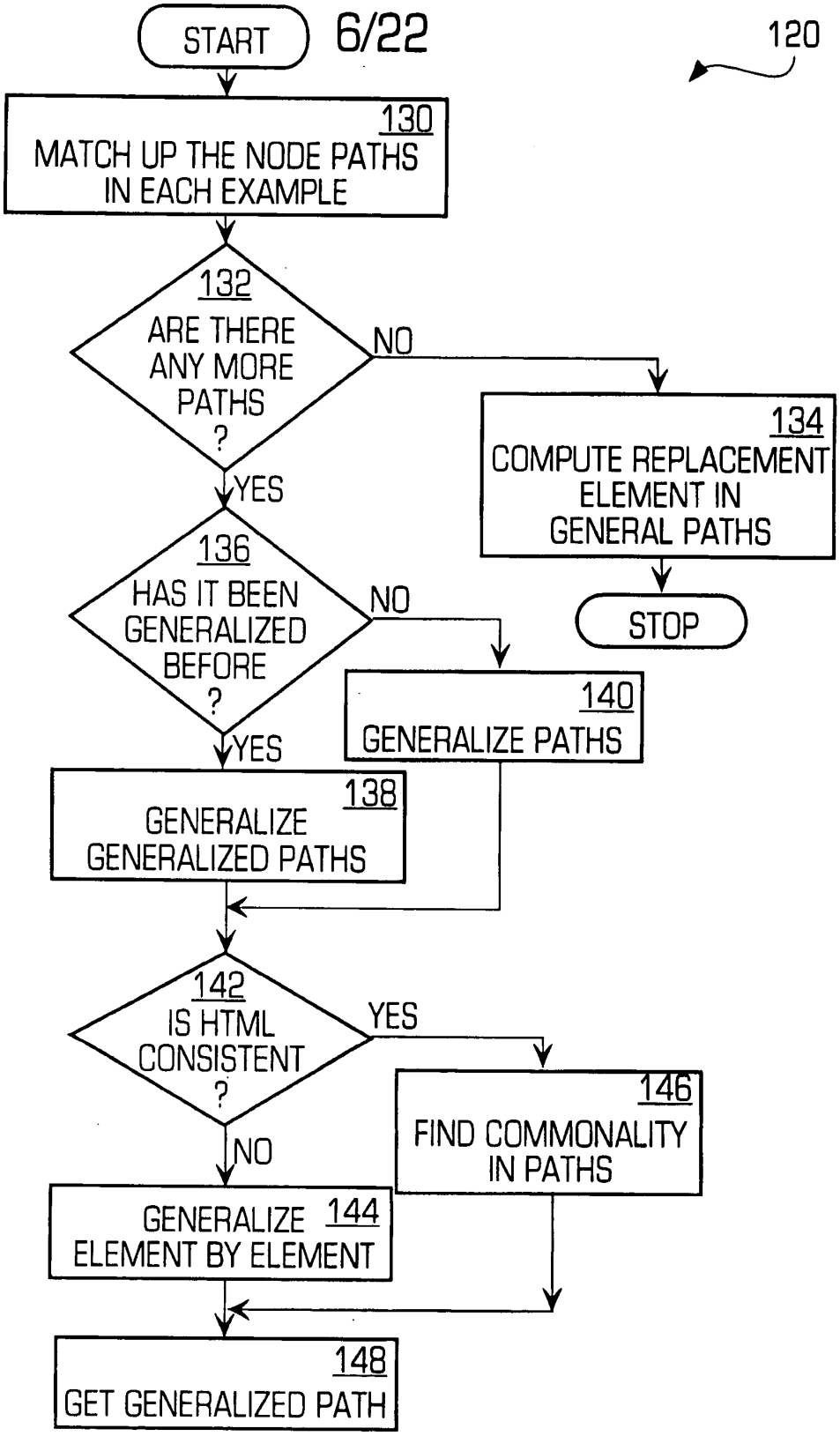

FIG. 6

EOTEOT-0T04766O

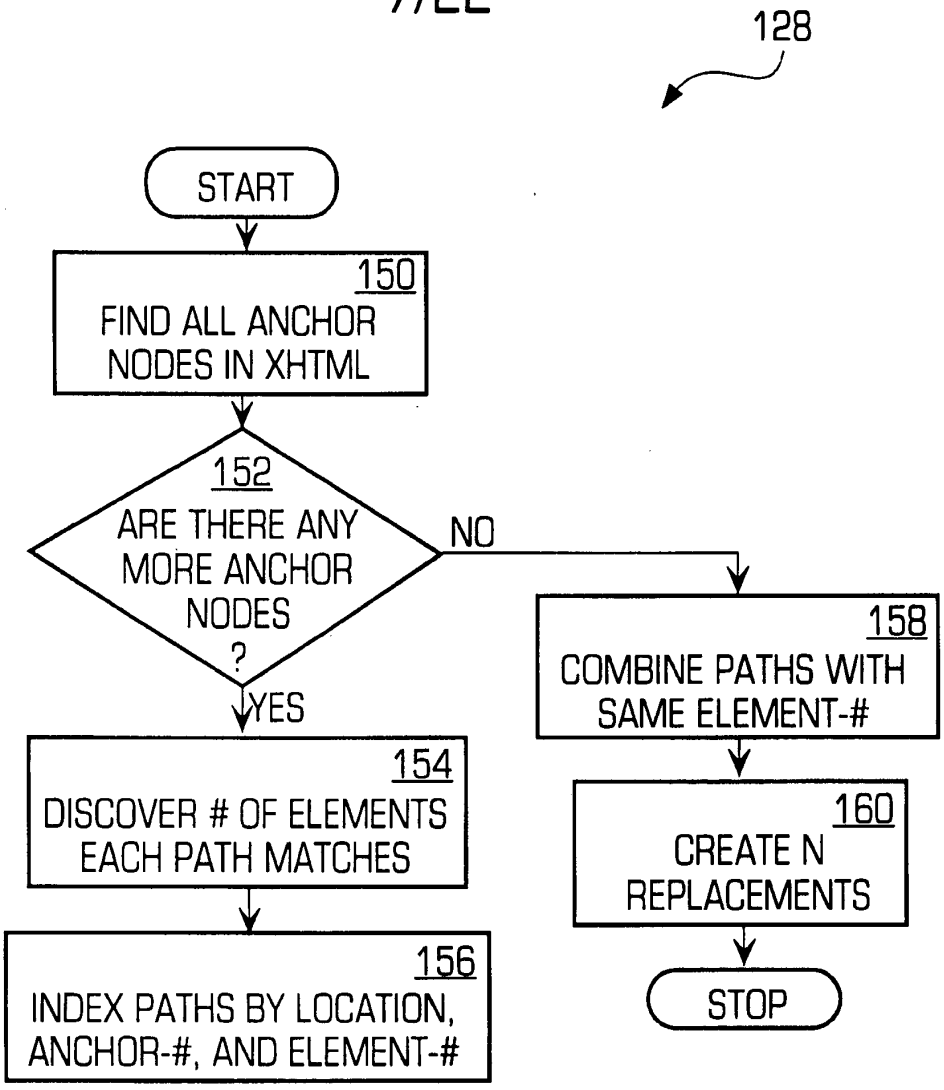

FIG. 7

FOREIGN-OTD-2660

FIG. 8A

```
Syntax
    <Body>
        <Grpl>
            <Generalized1>
                <Atom1>
                <Atom2>
```

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TOFFOT-OTO47650

USER SELECTED CONTENT	GENERALIZED CONTENT
CATEGORIES 172	CATEGORIES
ANTIQUES & ART	ANTIQUES & ART
BOOKS, MOVIES & MUSIC	BOOKS, MOVIES & MUSIC
	COINS & STAMPS
	COLLECTIBLES
	COMPUTERS
	DOLLS, FIGURES
	JEWELRY, GEMSTONES
	PHOTO & ELECTRONICS
	POTTERY & GLASS
	REAL ESTATE new!
	SPORTS
	TOYS, BEAN BAG PLUSH
	EVERYTHING ELSE
	ALL CATEGORIES...

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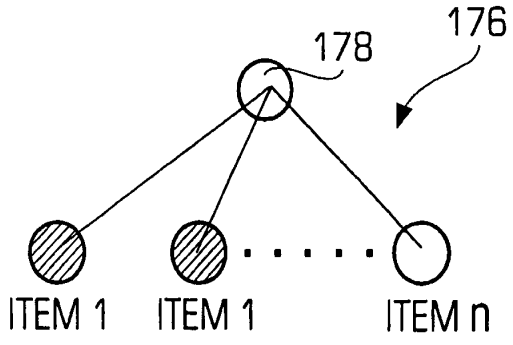
FIG. 8B

FIG. 8C



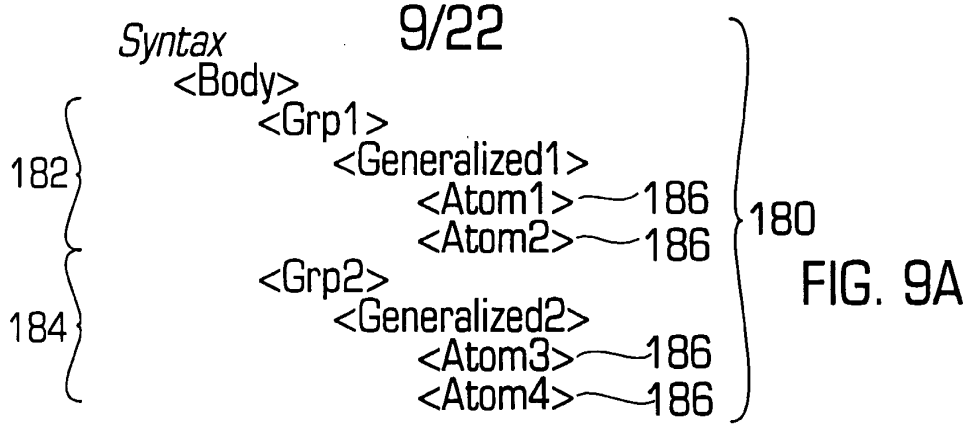


FIG. 9A

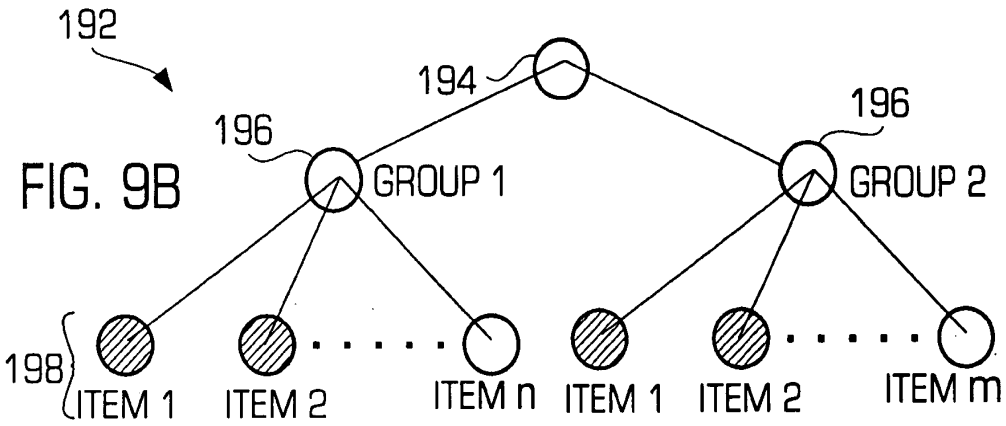


FIG. 9B

FOREPOT-0702660

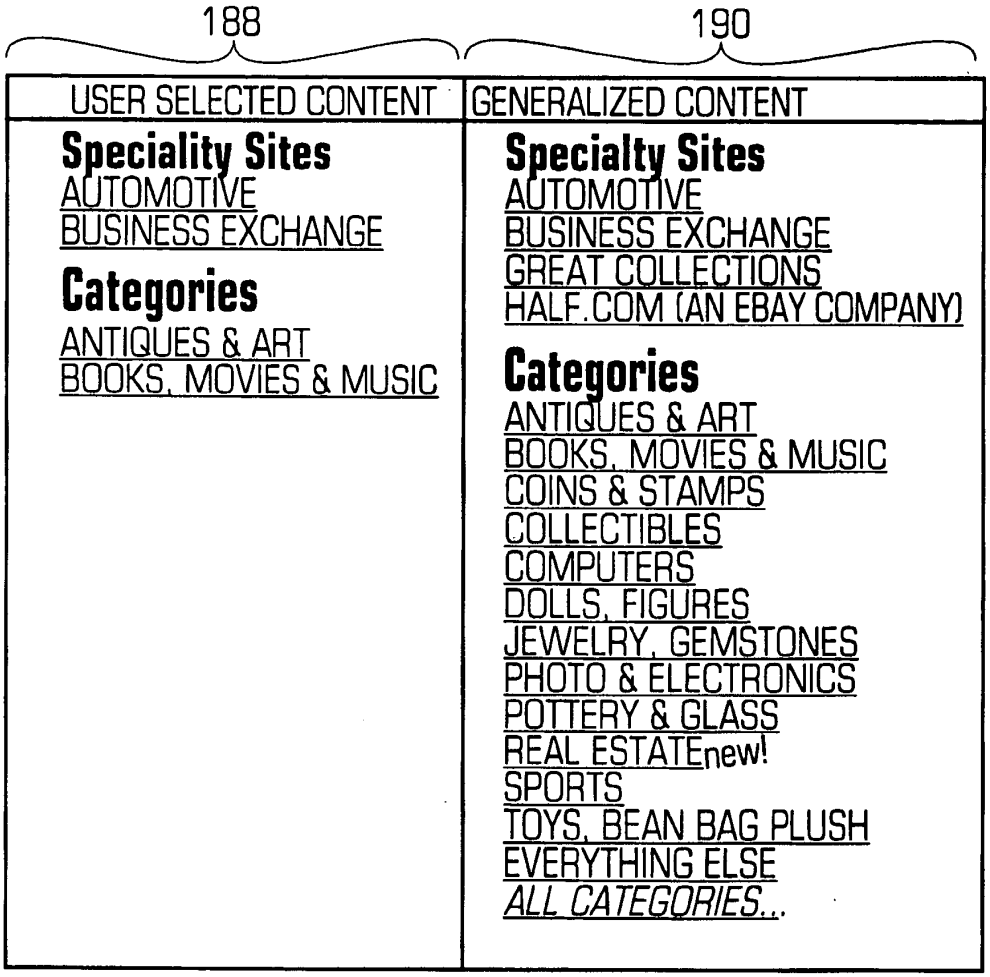


FIG. 9C

EDEFOE-0TE04266

EDITED: 01/07/2010

```
<generalized displayname="Generalized 1">
 <include>
    <atomic xhtmlsourceid="131" displayname="Automotive ">
     <content>
      <contentitem id="1" sourceid="131" displayname="Content Item">
       <pathelement type="html" order="1"/>
       <pathelement type="body" order="1"/>
       <pathelement type="table" order="2"/>
       <pathelement type="tr" order="1"/>
       <pathelement type="td" order="1"/>
       <pathelement type="table" order="1"/>
       <pathelement type="tr" order="2"/>
       <pathelement type="td" order="2"/>
       <pathelement type="font" order="1"/>
       <pathelement type="b" order="1"/>
       <pathelement type="a" order="1"/>
      </contentitem>
     </content>
     <attributes>
      <class value="10,20,30"/>
      <align value="left"/>
      <name value="Automotive"/>
     </attributes>
    </atomic>
```

A_2 A_2

FIG. $10A_1$

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```
<atomic xhtmlsourceid="133" displayname="Business Exchange ">
    <content>
    <contentitem id="1"sourceid="133" displayname="Content Item">
     <pathelement type="html" order="1"/>
     <pathelement type="body" order="1"/>
     <pathelement type="table" order="2"/>
     <pathelement type="tr" order="1"/>
     <pathelement type="td" order="1"/>
     <pathelement type="table" order="1"/>
     <pathelement type="tr" order="2"/>
     <pathelement type="td" order="2"/>
      <pathelement type="font" order="1"/>
     <pathelement type="b" order="1"/>
     <pathelement type="a"  order="2"/>
     </contentitem>
   </content>
   <attributes>
      <class value="10,20,30"/>
      <align value="left"/>
    <name value="Business Exchange "/>
    </attributes>
   </atomic>
  </include>
</generalized>
```

FIG. $10A_2$

EP 1 701 270 A2

EP 1 707 010 A1

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B. INTERMEDIATE FILE (AFTER GENERALIZATION)

```
<group displayname='Specialty">
 <attributes>
  <class value="10,20,30"/>
  <sequential value="sequential"/>
  <align value="left"/>
  <name value="Specialty"/>
 </attributes>
 <atomic displayname="Automotive " xhtmlsourceid="131">
  <content>
   <contentitem displayname="Content Item" id="1" sourceid="131"/>
  </content>
  <attributes>
   <class value="10,20,30"/>
   <align value="left"/>
   <name enumerate="enumerate" value="Automotive "/>
  </attributes>
  <xhtmlpath generalized="true">
   <pathelement order="-1" type="a"/>
  </xhtmlpath>
 </atomic>
 <xhtmlpath>
  <pathelement axis="descendant::" order="-1" predicate="child::a and
                                                child::font"type="b"/>
 </xhtmlpath>
</group>
```

B_2 B_2

FIG. $10B_1$

204

B_1 B_1

```
<group displayname="Categories">
 <attributes>
  <class value="10,20,30"/>
  <sequential value="sequential"/>
  <align value="left"/>
  <name value="Categories"/>
 </attributes>
 <atomic displayname="Antiques and Art " xhtmlsourceid="158">
  <content>
   <contentitem displayname="Content Item" id="1" sourceid="158"/>
  </content>
  <attributes>
   <class value="10,20,30"/>
   <align value="left"/>
   <name enumerate="enumerate" value="Antiques and Art "/>
  </attributes>
  <xhtmlpath generalized="true">
   <pathelement order="-1" type="a"/>
  </xhtmlpath>
 </atomic>
 <xhtmlpath>
  <pathelement axis="descendant::" order="-1" predicate="child::a and
   </xhtmlpath>                                          child::img" type="b"/>
  </group>
  <xhtmlpath>
   <pathelement order="1" type="body"/>
  </xhtmlpath>
 </group>
 <xhtmlpath>
  <pathelement order="-1"predicate=" ancestor::document[@page='1']
 </xhtmlpath>                    or not(ancestor::document)" type="html"/>
</arml>
```

FIG. $10B_2$

TOKYO 01076560

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c) Final Stylesheet

The relevant portion of the final XSL Stylesheet generated as a result of the generalization as depicted in the example of Case-2 is given below.

```
<xsl:template match="body" mode="Body">
  <group class="10,20,30" name="Body" sequential="sequential">
    <xsl:apply-templates select="descendant::b[child::a and child::font]" mode="Specialty"/>
    <xsl:apply-templates select="descendant::b[child::a and child::img]" mode="Categories"/>
  </group>
</xsl:template>

<xsl:template match="b" mode="Specialty">
  <group class="10,20,30" sequential="sequential" align="left" name="Specialty">
    <xsl:apply-templates select="a" mode="Automotive~"/>
  </group>
</xsl:template>

<xsl:template match="b" mode="Categories">
  <group class="10,20,30" sequential="sequential" align="left" name="Categories">
    <xsl:apply-templates select="a" mode="Antiques~and~Art~"/>
  </group>
</xsl:template>

<xsl:template match="a" mode="Automotive~">
  <atomic class="10,20,30" align="left" name="Automotive">
    <a href="{./@href}">
      <xsl:value-of select="normalize-space(.)"/>
    </a>
  </atomic>
</xsl:template>

<xsl:template match="a" mode="Antiques~and~Art~">
  <atomic class="10,20,30" align="left" name="Antiques and Art ">
    <a href="{./@href}">
      <xsl:value-of select="normalize-space(.)"/>
    </a>
  </atomic>
</xsl:template>
```

FIG. 10C

EOFFOE: 0T0Z76G0

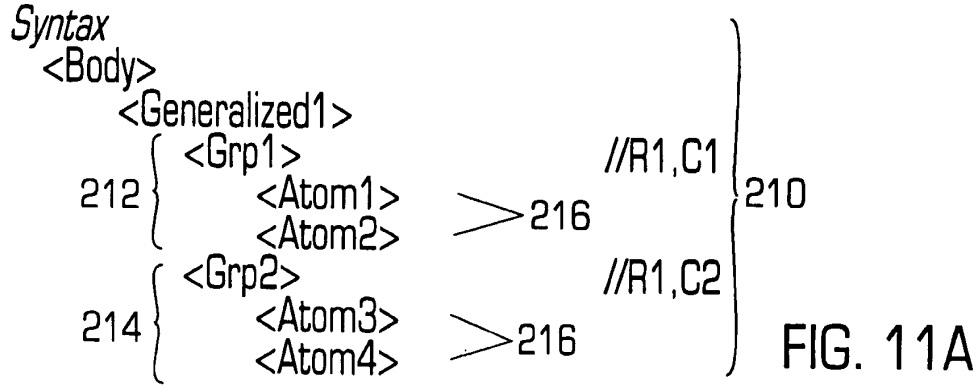

FIG. 11A

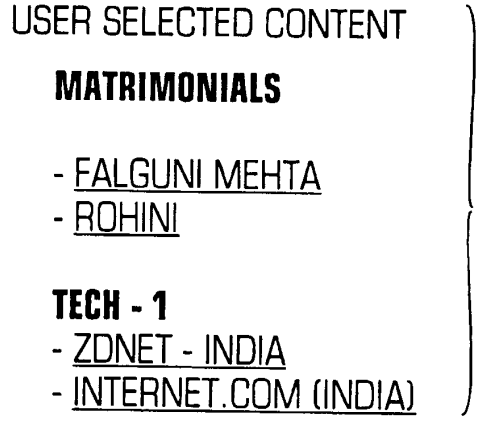

FIG. 11B

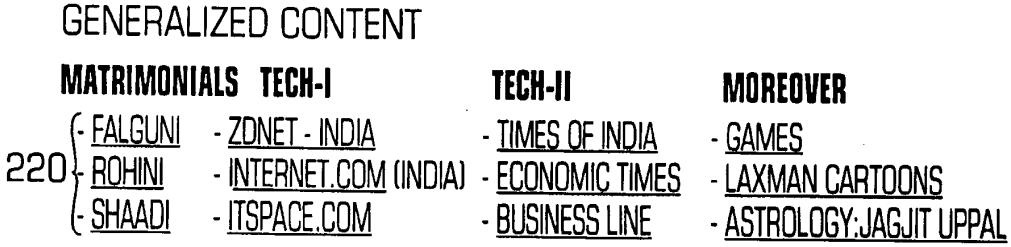

FIG. 11C

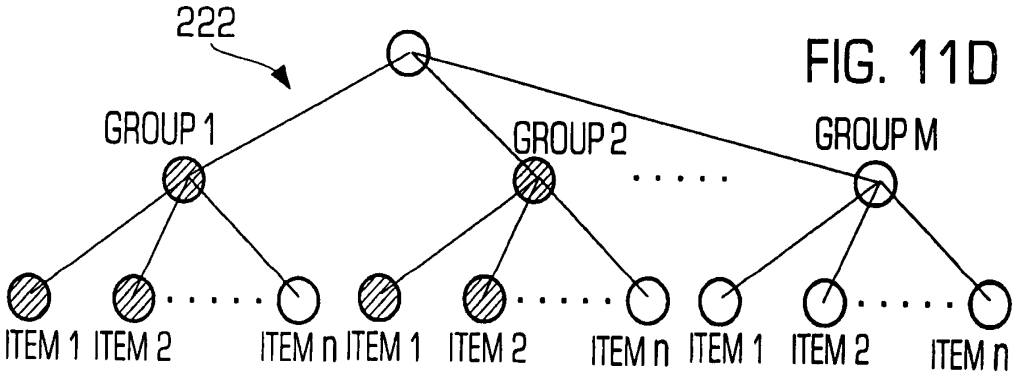

FIG. 11D

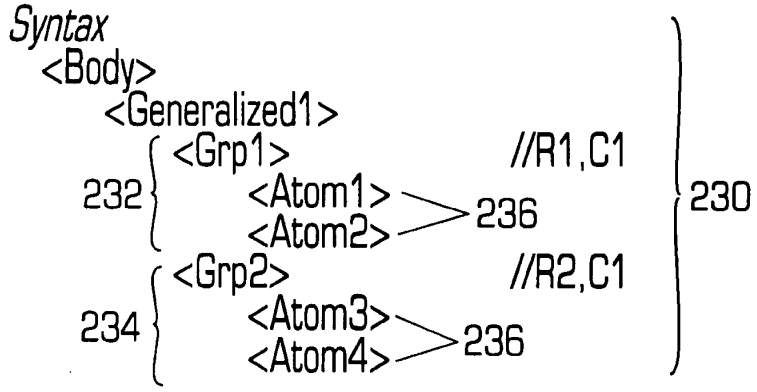

FIG. 12A

T0FT0T' 0T0J7960

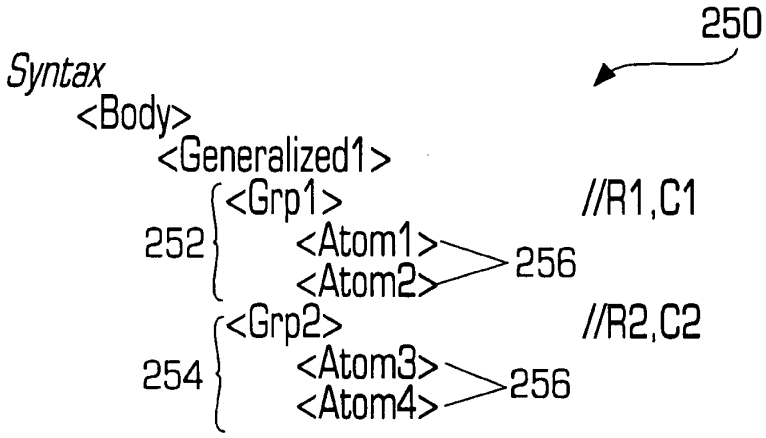

FIG. 13A

USER SELECTED CONTENT

FRINGE

- HUNTERS SET TRAP FOR 'MONSTER' IN NORWAY LAKE
- BERMUDA SHORTS APPROVED FOR BERMUDA'S PARLIAMENT

MULTIMEDIA SHOWCASE

- SPACE EXPLORATION - VOYAGE INTO THE FUTURE
- 360^0: BEHIND THE SCENES OF THE AIR FORCE THUNDERBIRDS

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FIG. 13B

USER SELECTED CONTENT	GENERALIZED CONTENT
NATIONAL CALIFORNIA MULLS ELECTRICITY RATE FREEZE GENES LINKED TO MELANOMA GROWTH **WORLD** SUHARTO CHARGED WITH CORRUPTION BARAK TALKS PEACE IN EGYPT	**NATIONAL** CALIFORNIA MULLS ELECTRICITY RATE FREEZE GENES LINKED TO MELANOMA GROWTH 4 FIREFIGHTERS HURT IN CALIFORNIA 21 DEATHS FROM FAULTY TIRES REPORTED BIGGER BANKS CHARGE MORE **WORLD** SUHARTO CHARGED WITH CORRUPTION BARAK TALKS PEACE IN EGYPT DEATH TOLL RISES IN KASHMIR ZIMBABWE'S MUGABE VOWS LAND GRAB SOLIDARITY HERO ACCUSED OF COLLABORATION **CAMPAIGN 2000** BUSH PREPS ACCEPTANCE SPEECH CHENEY GOES FOR THE CAPILLARY GORE TO CLINTON: ¡NO MAS! NEXT, ON CONVENTION 'SHADOW' FOUNDER HAS ANSWERS **SCITECH** CELL PHONES RING UP RAGE CHOLERA'S BLUEPRINT DECODED FBI SUED FOR E-MAIL SNOOPING DETAILS SNAIL MAIL MEETS E-MAIL FEDS FUND TRY FOR WEST NILE VACCINE **SHOWBIZ** GERVASE BITES THE DUST DOWNEY FREE, BUT IN SECLUSION THE QUEEN OF DISGUISE HORROR MOVIE 'PSYCHO' IS 40 CELEBRITY SCOOP

FIG. 12B

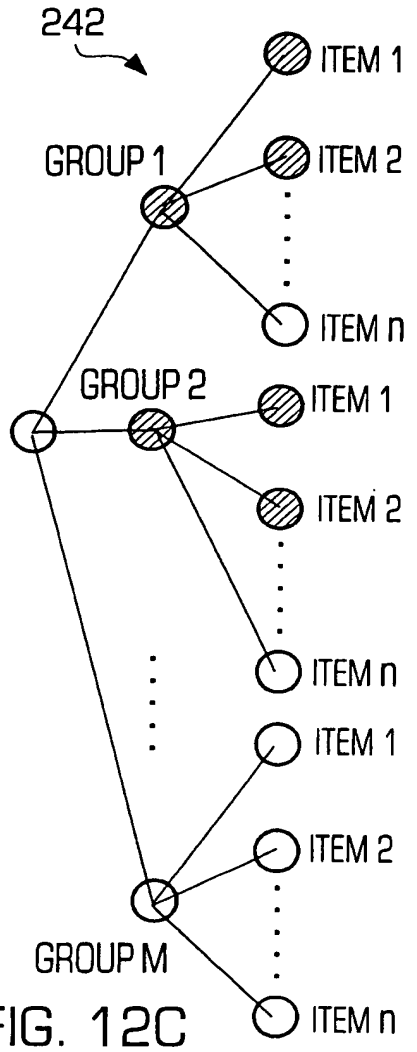

FIG. 12C

GENERALIZED CONTENT

FRINGE

- HUNTERS SET TRAP FOR 'MONSTER' IN NORWAY LAKE
- BERMUDA SHORTS APPROVED FOR BERMUDA'S PARLIAMENT
- FISH STABS MAN
- WOULD YOU PAY MORE TO DRY YOUR CLOTHES FASTER?

DISCUSSION

- SOUND OFF WITH YOUR OPINION ABOUT THE CONVENTIONS AND CAMPAIGN 2000
- WHAT IS YOUR REACTION TO STEPHEN KING'S LATEST SERIAL ONLINE NOVEL?
- DO YOU FEEL THREATENED BY CARNIVORE, THE FBI'S LATEST INTERNET SURVEILLANCE SYSTEM
- WHAT IS THE APPROPRIATE COMPENSATION TO BE PAID TO VICTIMS OF NAZI SLAVE LABOR POLICIES?

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MILLENIUM

- EPISODE FOUR: CENTURY OF THE SCYTHE
- DINNER WITH MANSA MUSA
- UNSOLVED HISTORIES: SECRETS OF THE PLAGUE
- MAP: THE BLACK DEATH

MULTIMEDIA SHOWCASE

- SPACE EXPLORATION - VOYAGE INTO THE FUTURE
- 360^0: BEHIND THE SCENES OF THE AIR FORCE THUNDERBIRDS
- HOW DO NEWS EDITORS DECIDE WHAT TO COVER? USE THE NEWSCENTER
- MORE SHOCKWAVE, MORE FLASH, MORE MULTIMEDIA

FIG. 13C

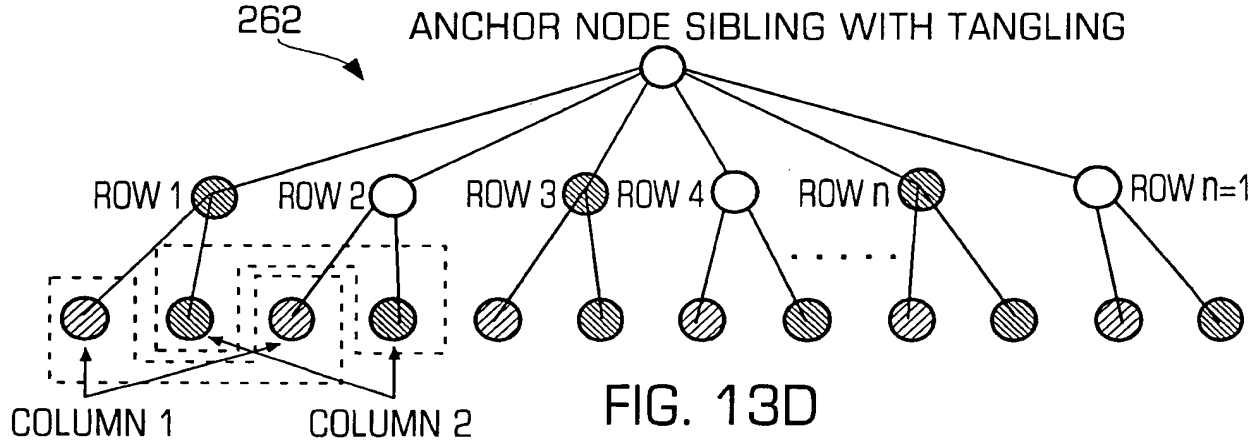

FIG. 13D

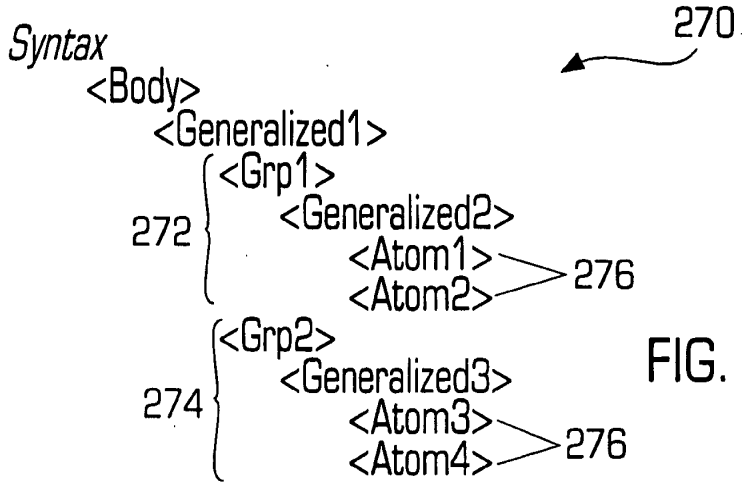

FIG. 14A

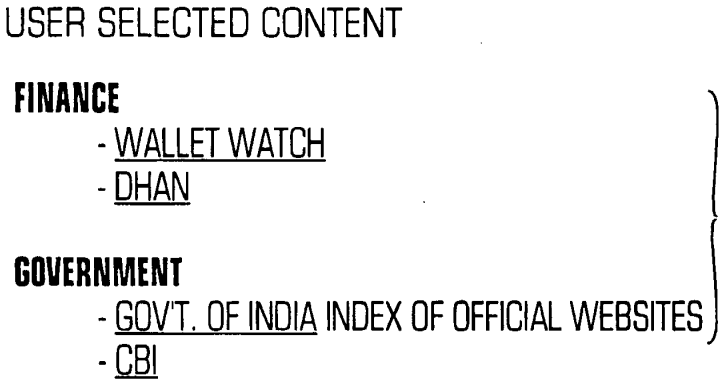

FIG. 14B

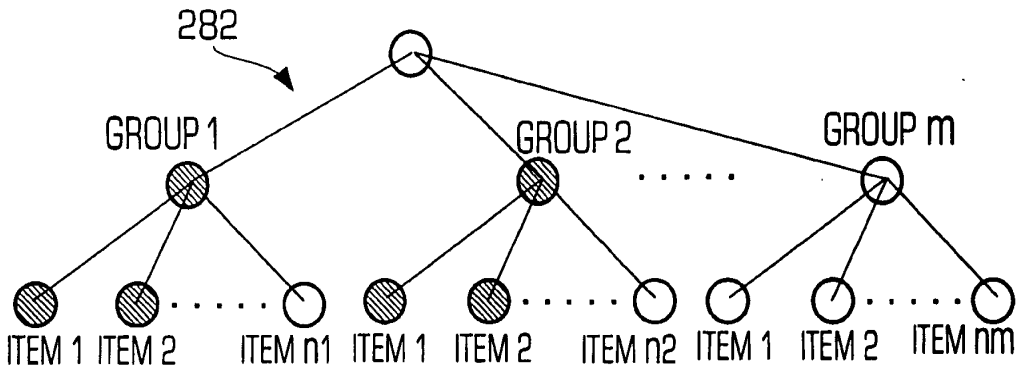

FIG. 14D

FOREST-0702660

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FINANCE
- WALLET WATCH
- DHAN
- INDIAINVEST
- BSE - NSE
- SEBI - NSDL
- AMFI
- RBI
- BUDGET 1999

GOVERNMENT
- GOV'T. OF INDIA INDEX OF OFFICIAL WEBSITES
- CBI
- ARMED FORCES
- VIJAY IN KARGIL (OFFICIAL)
- BHARAT RAKSHAK

CRICKET
- KHEL.COM
- CRICINFO
- AMUL WORLD CRICKET RANKING
- CRICMANIA
- LORDS
- SUNDER RAJAN'S COLUMNS

FILMS
- INDIAN MOVIES
- INDIAWORLD: TOP 25 HINDI SONGS
- INDIAWORLD: NEW FILMS
- SCREEN
- CINE BLITZ
- FILMFARE
- STARDUST

NRIS
- FAQ BY NRIS
- PASSPORT & VISA DIVISION, INDIA - INDIAN INVESTMENT CENTRE
- BANKSINDIA.COM
- Q & A BY AN SHANBHAG
- BAGGAGE RULES FOR TOURISTS
- STD (AREA) CODES

FOOD
- BAWARCHI (SAROJ'S COOKBOOK)
- AMUL'S RECIPES
- DHARA'S RECIPES
- MASTER CHEF SANJEEV KAPOOR
- TARLA DALAL ONLINE

TRAVEL
- INDIA TRAVELOG
- ASIAN GEOGRAPHIC
- MINISTRY OF TOURISM
- AIR-INDIA
- INDIAN AIRLINES
- JET AIRWAYS
- INDIAN RAILWAY
- LONELY PLANET

JOBS
- SAMPOOMA
- NAUKRI
- TIMES JOBS & CAREERS
- CAREER INDIA
- WINJOBS

FIG. 14C

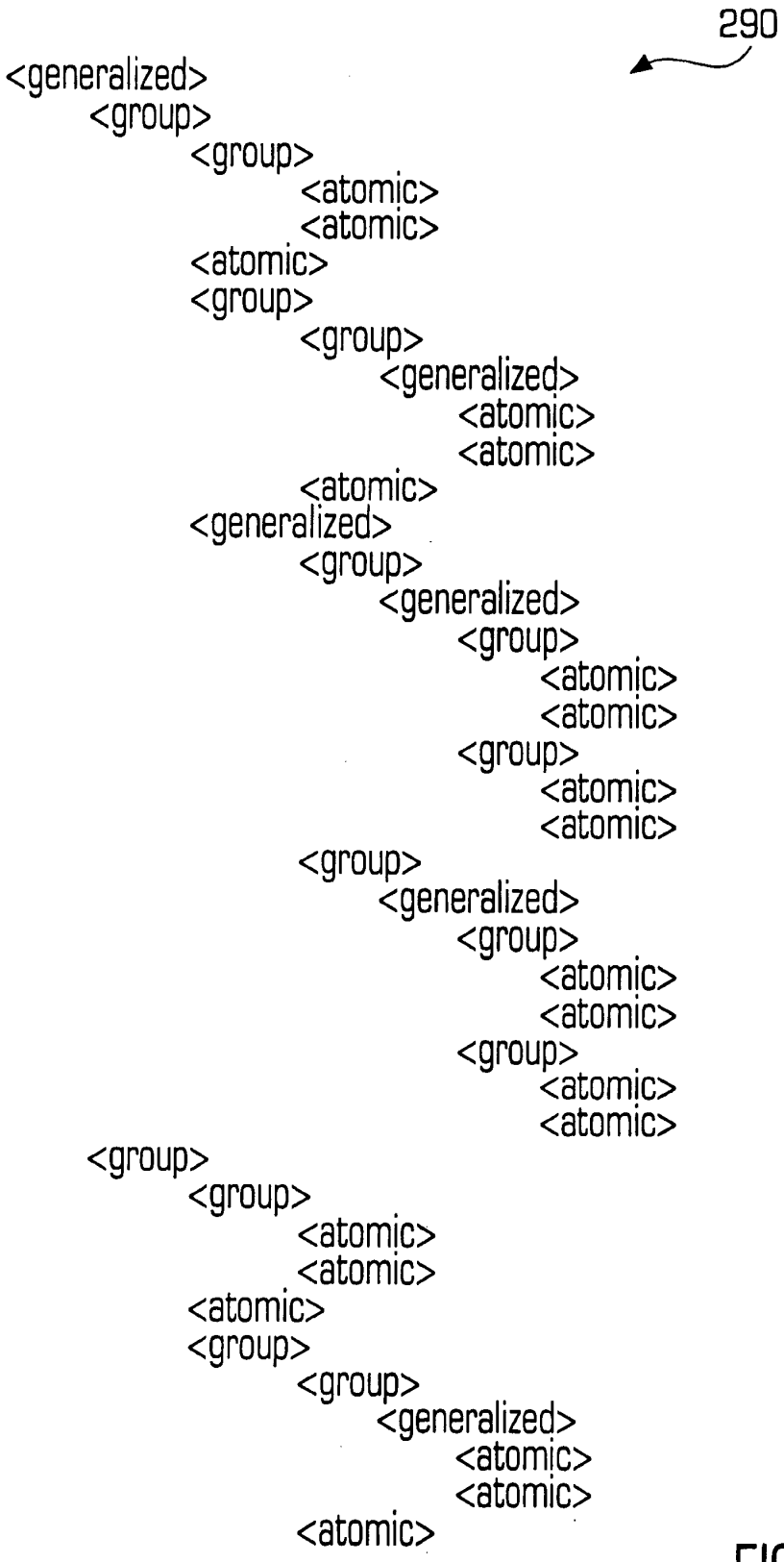

FIG. 15

FOTOT: 0T0Z7660